## INDEX TO VOLUME VII

New names and the final members of new combinations are in **bold face type** 

Abena jamaicensis, 244 Abies grandis, 121 Abronia umbellata, 64 Abrus precatorius, 340 Abutilon hirtum, 238; periplocifolium, 238 Acacia riparia, 178 Achyla, 307; prolifera, 307 Actaea alba, 64 Adiantum tenerum, 144 Aecidiella Triumfettae, 253

Aecidium, 66, 86, 170, 171, 253, 254; Borreriae, 315; abscedens, 315; Borreriae, 315; Cephalanthi, 22; Cestri, 191; circumscriptum, 316; Cissi, 316; Clematidis, 74; Clibadii, 317; compositarum Eupatorii, 232; decoloratum, 317; desmium, 175; detritum, 254; expansum, 317; favaceum, 253; Hyptidis, 246-248; Leonotidis, 245; luzoniense, 254; Nesaeae, 86, 89; passifloriicola, 254; Phyllanthi, 254; pulverulentum, 315; Randiae, 315; Rivinae, 235; roseum, 250; solaniphilum, 255; Sorbi, 48; Tournefortiae, 254; Traxini, 22; tubulosum, 255; tucumanense, 246; Uleanum, 255; verbenicola, 22; Wedeliae, 318

Aeschynomene americana, 330; sensitiva, 330

Aesculus glabra, 65

Agaricus, 95, 97-101; adirondackensis, 257; albo-umbilicatus, 257; alveolatus, 291; anisarius, 276; apertus, 257; arvensis, 100, 102, 152, 226; auratocephala, 258; bicolor, 105; brumalis, 264; caespitosus, 281; campestris, 96, 100-102, 152; candicans, 257; Candolleanus, 120; carnosior, 259; catinus, 258; cellaris, 276; clavipes, 259; columbanus, 259; compressipes, 259; comtulus, 102; concavus, 259; connexus, 260; cyathiformis, 259-261; dealbatus, 260; dicolor, 261; diminutivus, 300; ectypus, 106; ectypoides, 262; erubescens, 262; fa-cifer, 281; flaccidus, 262; flavidellus, 263; fumosus, 263; gallinaceus, 263; Gerardianus, 263; giganteus, 264; gilvus, 264; Hoffmani, 264;

illudens, 281; infundibuliformis, 264, 265; inversus, 264; lacrymabundus, 116; leptolomus, 265; maculosus, 265; marmoreus, 273; maximus, 265; metachrous, 261; mollis, 268; monadelphus, 281; nebularis, 268; nudus, 105'; odorus, 276; pachylus, 280; panaeolus, 106; peltigerinus, 267; personatus, 105; phyllophilus, 268; pileolarius, 268; piniarius, 268; pinophilus, 269; pithyophilus, 269; placomyces, 152; Poculum, 259; porphyrellus, 269; purus, 118; radiozonarius, 270; reticeps, 290, 291; reticulatus, 291; rivulosus, 270; Rodmani, 212; setisedus, 270, 271; Sienna, 271; sinopicus, 271; socialis, 272; sordidus, 106; splendens, 272; squamulosus, 274; subhirtus, 273; submarmoreus, 273; subzonalis, 274; tabescens, 281; truncicola, 276; trullisatus, 275; umbilicatus, 257; velutinus, 116; vilescens, 276; violaceolamellatus, 120; violaceus, 105; virens, 276; viridis, 276

Agaricus reticeps Mont., Notes on,

290

Ageratum conyzoides, 250 Agropyron, 74, 75; Smithii, 73, 78 Aklema petiolaris, 236 Albizzia Lebbeck, 146 Alchornea latifolia, 328, 329 Aleuria badia, 90; pustulata, 92; sylvestris, 93; vesiculosa, 91 Allium reticulatum, 66 Alpinia antillarum, 339 Ambrosia, 77; artemisiaefolia, 77; psilostachya, 76, 77, 88; trifida, 77,

Amelanchier, 78, 84; canadensis, 78, 83, 84, 88, 89; vulgaris, 83, 89

Amsonia salicifolia, 84 Andropogon, 71, 72, 88; brevifolius, 339

Anemia hirsuta, 326 Anemone, 75; cylindrica, 73, 88 Apios tuberosa, 66 Apiosporium, 25 Apocynum cannabinum, 65 Aquilegia, 74, 75; caerulea, 73; canadensis, 83; flavescens, 73, 83

Arabis, 75, 88

Arachis hypogea, 322

Argemone mexicana, 334 Argomyces insulanus, 179; Vernoniae, 179, 180 Armillaria, 95, 98; mellea, 102, 131, 132, 152, 281; mellea exannulata, 281 Arnica, 77 Aronia, 83; arbutifolia, 83 Arthur, J. C., Cultures of Uredineae in 1912, 1913, and 1914, 61; Uredinales of Porto Rico based on collections by F. L. Stevens, 168, 227, Arthur, J. C., & Fromme, F. D., The taxonomic value of pore characters in the grass and sedge rusts, 28 Arundinaria, 22 Asclepias, 40, 41; curassavica, 240-242; speciosa, 40, 41; verticillata, Ascomycetes, Structural parallelism between spore-forms in the, 21 Ascospores of Endothia parasitica, The effect of continued desiccation on the expulsion of, 126 Ascotricha, 289 Ascrista monticola, 340 Ascus-producing species, Penicillium avellaneum, a new, 284 Aspergillus, 284 Aspidium marginale, 176

Tweedyi, 81, 83, 88 Auerswaldia, 340; palmicola, 340 Axonophus compressus, 326

Aster, 70, 75, 76, 79, 81, 83; Drum-

mondii, 79, 81, 83; ericoides, 72; multiflorus, 72; Novae-Angliae, 72;

paniculatus, 65, 69, 70, 75, 76, 79, 81, 83, 84, 87, 88; Tripoli, 70;

Bagnisiella, 338 Baptisia bracteata, 66 Basanacantha, 315 Bauhinia, 185; divaricata, 185; pauletia, 184, 185 Bidens andicola, 195; leucantha, 195, 196; pilosa, 195, 196; tereticaulis, Bixa orellana, 148, 327 Bjerkandera adusta, 299 Blechum Brownei, 249 Bletia patula, 320; purpurea, 320 Bolbitius variicolor, 214 Bolete from California, A new, 44 Boletinus, 100; pictus, 300, 305 Boletus californicus, 215; griseus, 166; ornatipes, 166 Borreria levis, 249, 250; verticillata, 249, 250

Botryosphaeria, 24 Boudiera, 199 Bouteloua, 31 Brodiaea, 63; pauciflora, 85, 89 Bromus, 74, 75 Brown, H. P., A timber rot accompanying Hymenochaete rubiginosa (Schrad.) Lév., 1 Buetteneria lateralis, 323

Caesalpinia, 184 Cajan Cajan, 186 Cajanus indicus, 186, 187 California, A new bolete from, 44 Calkins, William Wirt, amateur mycologist, 57 Callirhoe digitata, 64, 65, 81, 82; involucrata, 65, 81, 82 Calonectria graminicola, 25 Canavalia ensiformis, 176 Canna, 234, 235; coccinea, 234; glauca, 234; indica, 234; portoricensis, 234 Cardiospermum grandiflorum, 236; Halicacabum, 236; microspermum,

Carduus, 77, Flodmanii, 77, 78 Carex, 31, 62, 69, 70, 76, 78, 81, 83, 86; arctata, 67, 87; crinita, 67, 87; extensa, 70; filiformis, 86, 89; Goodenowii, 76; intumescens, 75, 88; maritima, 62; pubescens, 66, 67, 87; retrorsa, 69-87; scoparia, 69, 70, 87; tenuis, 67, 87; tribuloides, 83, 88; vulpinoidea, 79, 81, 87 Cassia chamaecrista, 66; quinquangu-

lata, 321

Cauloglossum, 100

Cayaponia americana, 192, 335; racemosa, 192

Cenchrus echinatus, 228, 229, 339; myosuroides, 339; viridis, 228, 229 Centella asiatica, 334

Cercospora, 41; clavata, 41

Ceriomyces affinis, 300; auriporus, 300; communis, 44; crassus, 132, 151; ferruginatus, 152, 300, 306; miniato-olivaceus, 152; nebulosus, 300; retipes, 166; scaber, 152; subglabripes, 300; viscidus, 300, 305

Cerotelium Canavaliae, 169, 176 Cerrena unicolor, 299

Cestrum laurifolium, 191; macrophyllum, 191

Chaetochloa brevispica, 231; imberbis, 231; onurus, 231; purpurascens, 231; scandens, 228; setosa, 227, 231; verticillata, 230

Chaetomium, 289

Chamaecyparis thyoides, 83, 86, 89

Chamaesyce hirta, 190; hypericifolia, 190; prostrata, 190; serpens, 190

Chanterel aurantiacus, 152, 300; Chantarellus, 152; infundibuliformis, 300, 305; umbonatus, 300, 305 Characters in the grass and sedge

rusts, The taxonomic value of pore, 28

Chelone glabra, 64, 65 Chlorophyllum Molybdites, 152 Chrysopsis villosus, 72 Cicuta maculata, 83

Cissus sicyoides, 147, 316

Citromyces, 134

Claudopus, 34-37; depluens, 36, 37, 290; mephiticus, 290; nidulans, 290, 300; subdepluens, 36, 37

Claudopus, A new mephitic, 290 Claudopus, A parasitic species of, 34 Clavaria, 305; cinerea, 299; flava, 151; fusiformis, 299; muscigena,

49; pinophila, 299; pistillaris, 299 Clematis, 75; Douglasii, 73. 83; Drummondii, 82, 83, 88; ligusticifolia, 73, 74, 88; virginiana, 73, 74, 83

Clibadium erosum, 317; surinamense, 317

Clitocybe, 256, 262, 266, 277, 280, 291, 301; adirondackensis, 257, 258; aggregata, 280; albicastanea, 278; albidula, 257; albiformis, 278; alboumbilicata, 257; ampla, 263; angustissima, 280; aperta, 257; aquatica, 281; Arnoldi, 271; atrialba, 278; avellaneialba, 278; biformis, 258, 265; Broadwayi, 280; brumalis, 261; brunnescens, 278; caespitosa, 258; candicans, 257; candida, 271, 280; catina, 258; centralis, 257; cerrussata, 280; chrysocephala, 258; clavipes, 259, 266, 278, 301; columbana, 259; compressipes, 259; concava, 259; connexa, 260; cuticolor, 278; dealbata, 258, 260, 266, 275, 278; dealbata sudorifica, 274; dicolor, 260, 278; difformis, 280; ditopoda, 273, 280; ditopus, 259; Earlei, 261; eccentrica, 261, 279, 301; ectypa, 280; ectypoides, 262, 263; elixa, 280; erubescens, fellea, 262; flaccida, 262; flavidella, 263; fragrans, 280; fumosa, 263; fuscipes, 263; gallinacea, 263; geotropa, 265, 280; Gerardiana, 263; gigantea, 264; griseifolia, 278; Harperi, 278; hiemalis, 264; hirneola, Hoffmani, 264; hondensis, 278; illudens, 115, 131, 132, 152, 259, 281; incrustata, 280; infundibuliformis, 257, 258, 264, 273, 301; in-

ornata, 280; inversa, 258, 262, 264, 265, 272, 274, 278; leptoloma, 265; maculosa, 264, 265; marginata, 282; maxima, 264, 265; media, 266; megalospora, 157, 266; metachroa, 260, 261; mexicana, 280; microspora, 279; monadelpha, 281; morbifera, 260, 266, 275; multiceps, 152, 266, 267, 272; multiformis, 267; murinifolia,, 278; nebularis, 34, 266, 268; niveicolor, 280; nobilis, 267; obbata, 280; oculata, 278; odora, 277; opaca, 280; oreades, 278; oregonensis, 278; parasitica, 281; parilis, 280; Peckii, 278; peltigernia, 267; phyllophila, 268; phyllophiloides, 214, 268; pileolaria, 268; piniaria, 268; pinophila, 269; pithophylla, 269; porphyrella, 269; pruinosa, 269, 280; pulcherrima, 270; pusilla, 279; radiozonaria, 270; rancidula, 270; regularis, 270; revoluta, 282; rivulosa, 270, 280; robusta, 271, 280; rubrotincta, 280; setiseda, 271; sinopica, 269, 271, 272, 277, 279, 301; sinopicoides, 271; socialis, 272, 279; sphaerospora, 282; splendens, 272; stipitata, 278; subcandicans, 278; subconcava, 271, 272; subconnexa, 272; subcyathiformis, 273; subditopoda, 273, 301; subfumosipes, 278; subhirta, 273; subinversa, 278; subinvoluta, 280; submarmorea, 273; subnigricans, 274; subsimilis, 273; subsocialis, 279; subsquamata, 272, 274; sudorifica, 260, 266, 274; subzonalis, 274; sulphurea, 275; tenebricosa, 275; testa-ceoflava, 280; Trogii, 260; troyana, 280; trullaeformis, 280; trullisata, 275; truncicola, 265, 276; tuba, 280; tumulosa, 280; variabilis, 278; vilescens, 276; violaceifolia, 278; virens, 260, 276, 277, 301; washingtonensis, 278

Clitocybe in North America, The genus, 256

Clitocybe megalospora, The validity of, 157 Clitoria cajanifolia, 189; glycinoides,

189; rubiginosa, 189

Clusia rosea, 336 Coccoloba, 145

Coccomyces, 25, 27; hiemalis, 45; lutescens, 45; prunophorae, 45

Coleosporium, 84, 169; Elephantopodis, 171; Ipomoeae, 80, 172; Plu-mierae, 169, 172; Solidaginis, 80; Vernoniae, 80, 84, 89

Collections by F. L. Stevens, Uredi-

nales of Porto Rico based on, 168, 227, 315

destructivum, 23, 38, 39, 40, 149; destructivum, 38; salmonicolor, 40; solanicolum, 39; Trifolii, 38 Colletotrichum and Phoma, New spe-

cies of, 38

Collomia, 77; linearis, 77, 88

Collybia, 291, 301; acervata, 301, 305; confluens, 301; dryophila, 301, 305; longipes, 132; maculata, 301, 306; platyphylla, 115, 118, 301; radicata, 157, 158, 301, 305; retigera, 291; scabriuscula, 301; strictipes, 301; tuberosa, 131, 132, 301, 302 Colocasia, 144

Coltricia perennis, 34, 299; tomentosa, 299

Commelina elegans, 182, 329; nudiflora, 183; virginica, 182, 329, 330 Conard, Henry S., The structure and development of Secotium agaricoides, 04

Continued desiccation on the expulsion of ascospores of Endothia parasitica, The effect of, 126

Convolvulus, 193; nodiflorus, 192 Coprinus, 98, 100; atramentarius, 34, 152; comatus, 152; fimetarius, 301; micaceus, 45, 102, 152, 301

Cordia corymbosa, 337 Cordyceps militaris, 298 Coremium, 134; silvaticum, 134

Coriolus abietinus, 299; versicolor, 299

Corticium coeruleum, 132 Cortinarius, 221, 223, 302; anomalus, 223; armillatus, 301; erythrinus, 223; 302; lilacinus, 302, 305; purpurascens, 302; roseipallidus, 221; semisanguineus, 302, 305

Cortinellus, 256; decorus, 164, 275 Corydalis aurea, 66

Cosmos caudatus, 195 Cracca cinerea, 177

Crataegus cerronus, 79, 89; punctatus,

78; Pringlei, 78, 88 Craterellus, 110; borealis, 110; cornucopioides, 299, 305

Crepidotus, 36, 37

Crinipellis, 156; alnicola, 156; echinulata, 156; squamifolia, 156; sublivida, 156; zonata, 270

Cronartium Quercus, 80, 89 Crotalaria retusa, 335

Crotalaria retusa, 335 Croton lucidus, 147 Crucibulum vulgare, 305

Cryptoporus, 121, 123, 124; volvatus, 121, 123, 124, 125, 155 Cryptoporus volvatus, Notes on, 121

Cryptoporus volvatus, Notes on, 121 Cryptosporella, 24 Cudonia lutea, 298

Cultures of Uredineae in 1912, 1913, and 1914, 61

Cup-fungi, Photographs and descriptions of, -

. Peziza, 90; II. Sepultaria, 197 Cuphea, 323; Parsonsia, 323

Curcurbitaria, 27; Laburni, 24 Cylindrosporium, 25, 45

Cyperus, 231, 318; cayennensis, 231; laevigatus, 231; mutisii, 231; polystachus, 231; radiatus, 231; sphacelatus, 231; surinamensis, 231

Cyphella, 110

Daedalea confragosa, 299 Daldinia concentrica, 298

Dasycypha, 9

Dasyspora foveolata, 241

Decodon, 66; verticillatus, 86, 89 Delphinium, 73; Geyeri, 73

Dendropanax arboreum, 149
Descriptions of cup-fungi, Photo
graphs and, —

. Peziza, 90; II. Sepultaria, 197 Desiccation on the expulsion of ascospores of Endothia parasitica,

The effect of continued, 126 Desmodium axillare, 188; Scorpiurus,

Development of Secotium agaricoides, The structure and, 94

Dikaeoma, 28; canaliculatum, 231; ciliata, 319; cubense, 251; deformatum, 229; Eleocharidis, 232; Paspali, 230; pulcherrimum, 238; radicans, 319

Dietyophora duplicata, 153 Dieffenbachia, 144

Dimerina, 337; Jacquiniae, 337 Dimerium, 335, 336, 337; Cayaponiae, 335, 340; grammodes, 335, 337; melioloides, 336, 340; Stevensii,

melioloides, 336, 340; Stevensii, 337 Dinerosporium, 335; lateritium, 336 Dipdia rigida, 250; maritima, 250

Diorchidium leve, 230 Dioscorea, 320; grandiflora, 320

Di ca aecia, 74; palustris, 64, 65 Doellingeria umbellata, 65 Dollicholus reticulatus, 186, 187;

Dolicholus reticulatus, 186, 187; texnus, 186 Dolichos, 187; Lablab, 331; reticu-

latus, 187; Lablab, 331; reticulatus, 187 Dorstenia Contrajerva, 327

Dothidea grammodes, 335; perisporioides, 335, 336; seminata, 335 Dothidella grammodes, 335

Dryopteris patens, 176, 325; Poiteana,

Dulichium arundinaceum, 81, 87 Durability of greenheart (Nectandra Rodiaei Schomb.), Tests on the,

Edible and poisonous, Fungi, 151 Effect of continued desiccation on the expulsion of ascospores of Endothia parasitica, The, 126 Elasmomyces, 99, 100; mattirolianus,

102

Eleagnus argentea, 65, 73

Eleocharis, 232; cellulosa, 232; geniculata, 232; interstincta, 232

Elephantopus angustifolius, 172; carolinianus, 84; mollis, 171, 172; scaber, 172

Eleutheranthera ruderalis, 251, 252 Elfvingia Brownii, 155, 215; fomentaria, 299; megaloma, 299

Elfvingiella, 110; fasciata, 110, 215 Elymus, 74, 75; canadensis, 73, 88; virginicus, 82, 88

Emilia sonchifolia, 251, 252 Endophyllum Rivinae, 235

Endoptychum, 99, 100 Endothia parasitica, 24, 27, 126, 130 Endothia parasitica, The effect of continued desiccation on the expulsion of ascospores of, 126

Entoloma, 105, 302; cuspidatum, 302; sericeum, 302; strictius, 302 Eocronartium typhuloides, 49

Eragrostis tephrosanthus, 180 Erigeron annuus, 66, 75

Eriosporangium Hyptidis, 247; tucumanense, 246 Erisyphe, 46, 328

Ernodea littoralis, 250

Erythrina glauca, 322, 323; Lithospermae, 146; micropteryx, 146, 323 Erythroxylon areolatum, 320, 321;

Coca, 321; havanense, 320, 321 Eugenia buxifolia, 148; Jambos, 239 Eupatorium odoratum, 148; polyodon,

250; villosum, 251 Euphorbia corollata, 65; cyparissias,

65; hirta, 190; petiolaris, 236 Euthamia, 70; graminifolia, 70, 75, 83, 84, 87

Exogonium repandum, 149

Expulsion of ascospores of Endothia parasitica, The effect of continued desiccation on the, 126

Favolus variegatus, 289 Ferax group of the genus Saprolegnia, The, 307 Ficus, 174, 175; Carica, 174; glom-

erata, 174; laevigata, 174

Fimbristylis, 232; diphylla, 232; ferruginea, 232

Fink, Bruce, William Wirt Calkins. amateur mycologist, 57 Fischeria crispiflora, 242

Fistulina, 155; hepatica, 151

Fitzpatrick, Harry Morton, A parasitic species of Claudopus, 34

Flammula, 223; penetrans, 302; polychroa, 207, 208; sapinea, 302; spumosa, 302

Fomes Abramsianus, 215; amarus, 155; annosus, 132, 207, 208; Brownii, 215; everhartii, 207, 208; fomentarius, 207; igniarius, 155, 207, 208; lobatus, 207, 208; nigricanus populinus, 155; pinicola, 207, 208; putearius, 13; robiniae, 208; roseus, 207, 208, 299; turbinatus, 215; ungulatus, 299

Fomitiporia prunicola, 300

Fromme, F. D., Arthur, J. C., &, The taxonomic value of pore characters in the grass and sedge rusts, 28

Fuirena, 319; umbellata, 319

Fuligo septica, 298 Fulvifomes, 110; calcitratus, 215; Cedrelae, 215; cinchoensis, 215; dependens, 215; extensus, 215; grenadensis, 215; hydrophilus, 215; jamaicensis, 215; linteus, 215; melleicinctus, 215; pseudosenex, 215; sarcitus, 215; sublinteus, 215; subpectinatus, 215. Swieteniae, 215; troyanus, 215; Underwoodii, 215;

yucatanensis, 215 Fungi edible and poisonous, 151 Fungi, Illustrations of, - XX, 115;

XXI, 163; XXII, 221 Fungi, Luminescence in the, 131 Fungi, Preliminary list of Upper St. Regis, 297

Fusarium conglutinans, 49

Galera Hypnorum, 302; tener, 302 Garman, Philip, Some Porto Rican parasitic fungi, 333

Genus Clitocybe in North America, The, 256 Genus Lepista, The, 105

Gibberella, 27; Saubinetti, 25 Gloeophyllum hirsutum, 300

Gloeoporus, 155

Gloeosporium, 23, 40 Glomerella, 23

Glycine reticulata, 186 Gnomonia, 24

Gossypium barbadense, 175; brasiliense, 175; hirsutum, 175

Gouania domingensis 237, 329; latifolia, 238; lupuloides, 237, 329;

polygama, 237, 329; tomentosa, 237, 329 Grass and sedge rusts, The taxonomic value of pore characters in the, 28 Greenheart (Nectandra Rodiaei Schomb.), Tests on the durability of, 204 Grifola Berkeleyi, 46; frondosa, 151 Grindelia squarrosa, 72 Guarea trichiloides, 149 Guettarda ovalifolia, 334 Guignardia, 24 Guilandina crista, 146 Gutierrezia Sarothrae, 72, 88 Gymnopilus farinaceus, 222; spumosus, 222 Gymnosporangium, 48; Betheli, 78,88;

Botryapites, 83; clavariaeforme, 79, 88; durum, 78, 88; Ellisii, 86, 89; gracilens, 78, 88; Nelsoni, 78, 88; nidus-avis, 83, 89 Gyrophila nimbata, 107

Gyrophragmium, 100

Hamaspora, 87
Hapalopilus rutilans, 300
Heald, F. D., & Studhalter, R. A.,
The effect of continued desiccation
on the expulsion of the ascospores
of Endothia parasitica, 126
Hebeloma, 223; palustre, 214
Helianthus angustifolius, 65
Helicteres jamaicensis, 147
Heliomyces, 156
Helminthosporium, 109; gramineum,
49; teres, 49
Helvella cochleata, 90, 91; Infula, 298
Hemidiodia ocimifolia, 250, 315

Hemidiodia ocimifolia, 250, 315 Herbarium, Marking types in the mycological, 108 Herpotrichia, 210, 211; nigra, 23, 210,

211 Herpotrichia nigra and associated

species, Observations on, 210
Heteropteryx, 240

Heterotrichum cymosum, 337, 338 Hibiscus militaris, 64, 82

Humphrey, C. J., Tests on the durability of greenheart (Nectandra Rodiaei Schomb.), 204 Hyalopsora, 170

Hydnocystis, 197, 199

Hydnum Caput-ursi, 151, 299; ochraceum, 299; repandum, 151; zonatum, 299

Hydrophyllum capitatum, 73; Fendleri, 64, 73; virginicum, 64

Hygrophorus, 259, 262; chlorophanus, 302; coccineus, 302, 305; miniatus, 302, 305; pratensis, 262

Hymenaea, 321; Courbaril, 321

Hymenochaete, 9; rubiginosa, 1-4, 13, 14-18

Hymenochaete rubiginosa (Schrad.) Lév., A timber rot accompanying, 1 Hymenoclea monogyra, 85, 89

Hypholoma, 47, 98, 102; appendiculatum, 120, 152; Boughtoni, 117; Candolleanum, 120; delineatum, 117; lacrymabundum, 116, 117; perplexum, 152; rigidipes, 117; rugooephalum, 117

Hypomyces Ipomoeae, 25

Hyptis atrorubens, 246; capitata, 247; latanifolia, 248; pectinata, 246; suaveolens, 246

Illustrations of fungi—XX, 115; XXI, 163; XXII, 221

Index to American Mycological Literature, 51, 113, 159, 217, 293, 341 Indigofera Anil, 177; suffruticosa, 177

Inga vera, 177

Inocybe, 302; euthelella, 214; infida, 152

Inonotus Leei, 155, 215; leprosus, 215; ludovicianus, 110; porrectus, 215; radiatus, 300

Ipomoea, 80; acuminata, 243; Batatis, 172; carolina, 243; cathartica, 243; littoralis, 172; Nil, 172; pandurata, 80; stolonifer, 172; trichocarpa, 243; triloba, 243

carpa, 243; triloba, 243 Iresine elatior, 235; paniculata, 235 Iris versicolor, 64 Ischnoderma fuliginosum, 300

Jacquemontia nodiflora, 192, 193, 237; tamnifolia, 172 Jacquinia barbasco, 337

Jambos Jambos, 239 Janipha Manihot, 190

Jatropha Curcas, 331; gossypifolia, 331; Manihot, 190

Juneus balticus, 76, 88

Juniperus scopulorum, 78, 88; sibirica, 79, 89; utahensis, 78, 88; virginiana, 83, 89

Klebahnia, 184, 196; **Bidentis**, 196 Koeleria, 75; cristata, 75, 88 Kuehneola, 169, 170, 174, 175; Fici, 174; Gosspii, 175 Kyllinga caespitosa, 231; pumila, 231

Laccaria, 256, 269; laccata, 275, 302, 305; striatula, 302

Lachnea hemisphaerica, 299; scutellata, 299

Laciniaria Langloisii, 84; punctata, 71, 84; scariosa, 77

Lactaria, 302; camphorata, 302; deliciosa, 152; Gerardii, 302; Hibbardae, 225; lactiflua, 152, 166; lignyota, 225, 302, 305; mucida, 302; oculata, 302; parva, 302; piperata, 152, 225, 302; plinthogala, 164; subdulcis, 302, 305; theiogala, 302; torminosa, 302, 306; turpis, 301, 302; varia, 302; Volkertii, 165

Lactuca intybacea, 324

Laetiporus speciosus, 132, 151

Lamprospora, 199

Lantana aculeata, 244; Camara, 243, 244, 334; crocea, 244; involuerata, 244; odorata, 244; stricta, 244; trifolia, 244

Lasiacis divaricata, 180; Sloanei, 181; Swartziana, 181, 339; Lasiosphaeria Coulteri, 210

Lentinellus, 156

Lentinula, 156, 291; reticeps, 291

Lentinus, 156; caespitosus, 281; cochleatus occidentalis, 216; lecomtei, 207, 208; lepideus, 119, 207; umbilicatus, 214

Lentodiellum, 157, 215, 216; concavum. 216

Lentodium, 156; squamosum, 119 Lenzites betulina, 207, 208; sepiaria, 207-209

Leonotis nepetaefolia, 245

Leotia lubrica, 299 Lepargyracea canadensis, 65

Lepiota, 119; americana, 152; amianthina, 118, 302; clypeolaria, 302, 305; fuscosquamea, 302; meleagris, 99, 102; naucina, 152, 302; procera,

152 Lepista, 105; **domestica,** 105, 106; panaeola, 105, 106; personata, 105

Lepista, The genus, 105 Leptonia serrulata, 302

Leptostroma, 23 Limacella illinita, 302

Lind's work on the Rostrup Herbar-

List of Upper St. Regis fungi, Preliminary, 297

Lithospermum angustifolium, 71; officinale, 65

Lophodermium, 23

Luminescence in the fungi, 131

Lycoperdon, 100; atropurpureum, 305; cyathiforme, 152, 305; gemmatum, 152, 305; pulcherrimum, 305; pyriforme, 305; separans, 305; subincarnatum, 305; Wrightii, 305
Lycopus americanus, 71, 88

MacOwenites, 100 Macropodium macropus, 299 Malvastrum, 82; coccineum, 66, 82 Man, A new fungus, Phialophora verrucosa, pathogenic for, 200

Manihot Manihot, 190; utilissima, 190 Manisuris granularis, 230

Marasmiellus, 156, 157; inconspicuus, 156; juniperinus, 156

Marasmius, 155, 156, 301; alnicola, 156; campanulatus, 303; distantifolius, 156; echinulatus, 156; inconspicuus, 156; juniperinus, 156; niduliformis, 156; oreades, 152; 303; rotula, 303; squamifolius, 156; sublividus, 156; submulticeps, 156

Marasmius in North American Flora, Russula and, 155

Marking types in the mycological herbarium, 108

Medlar, E. M., A new fungus, Phialophora verrucosa, pathogenic for man, 200

Meibomia, 189; adscendens, 335; axillaris, 188; Scorpiurus, 188; tortuosum, 188, 189

Melampsoropsis, 175

Melanoleuca, 118, 256, 267, 273; albissima, 274, 303, 306; fumidella, 165; melaleuca, 303; personata, 152; rutilans, 303; Russula, 222; sordida, 106

Melanomma, 144

Melanthera aspera, 194; canescens, 194, 195; deltoides, 195; hastata cubensis, 195

Melasmia, 23

Melothria guadalupensis, 192

Menyanthes, 66

Mephitic Claudopus, A new, 290 Merulius, 155; lacrymans, 11, 206-

209; tremellosus, 207, 208 Mesosphaerum atrorubens, 246, 247;

Mesosphacrum atrorubens, 246, 247; capitatum, 247; latanifolium, 248; pectinatum, 246, 247; spicatum, 246; suaveolens, 246, 247

Metastelma lineare, 242; palustre, 243; parviflorum, 242; Schlechtendahlii, 242

Miconia, 338; prasina, 337; Sintensii, 337, 338; laevigata, 333, 337

Microcera, 23

Mikania, 317; cordifolia, 317

Milesia, 176; columbiensis, 175; consimilis, 176; Kriegeriana, 176 Milesina columbiensis, 175; Krieger-

iana, 176

Mimosa ceratonia, 183, 184 Mitracarpus portoricensis, 250

Mitrula vitellina, 299 Momisia iguanaea, 145

Monadelphus, 256, 277, 281; caespi-

tosus, 281; illudens, 258, 281, 282; marginatus, 282; revolutus, 282; sphaerosporus, 282

Montagnites, 100

Morchella esculenta, 151

Muhlenbergia, 82, 181; Porteri, 81 Murrill, W. A., Fungi edible and poisonous, 151; The genus Clitocybe in North America, 256; The genus Lepista, 105; Illustrations of Fungi—XX, 115, XXI, 163, XXII, 221; Luminescence in the fungi, 131; Marking types in the mycological herbarium, 108; A new bolete from California, 44; Preliminary list of Upper St. Regis fungi,

Mutinus, 100

Mycena, 280, 303; Leaiana, 303; pura,

117, 269, 303 Mycological herbarium, Marking types

in the, 108 Mycologist, amateur, William Wirt

Calkins, 57 Myrica cerifera, 87, 89

Mytilidion, 210, 211; fusisporum, 211

Napaea, 82; dioica, 82; Nectria discophora, 25; galligena, 25; megalospora, 336 Neopeckia Coulteri, 210, 211 Nephrolepis rivularis, 175 Neurocarpum cajanifolium, 189 Neurolaena lobata, 252 New ascus-producing species, Pencillium avellaneum, A, 284 New Bolete from California, A, 44 New fungus, Phialophora verrucosa, pathogenic for man, A, 200 New mephitic Claudopus, A, 290 News and Notes, 109, 212, 288

and Reviews, 45, 155

New species of Colletotrichum and

Phoma, 38

Nigredo, 28, 183, 192, 194; appendiculata, 185; columbiana, 194; Commelinae, 182; Dolicholi, 186; Eragrostidis, 180; Hedysari-paniculati, 188, 189; Helleriana, 192; leptoderma, 180; major, 181; Neurocarpi, 189; proĕminens, 190; Rhyncosporae, 182; Scleriae, 182

North American Flora, Russula and

Marasmius in, 155 North America, The genus Clitocybe in, 256

Notes on Agaricus reticeps Mont.,

Notes on Cryptoporus volvatus, 121 Nyctalis, 34 Observations on Herpotrichia nigra and associated species, 210

Octospora pustulata, 92

Oenothera grandiflora, 46; Tracyi, 46 O'Gara, P. J., New species of Colletotrichum and Phoma, 38

Olyra latifolia, 229

Omphalia 263, 304; campanella, 303; chrysophylla, 303; fibula, 303; umbellifera, 304

Onagra biennis, 75 Onosmodium occidentale, 73

Ophionectria, 27; coccicola, 23, 25

Orton, C. R., Structural parallelism between spore-forms in the Ascomycetes, 21

Otidea, 91

Panaeolus solidipes, 163

Pandanus, 150

Panellus, 156; flabellatus, 156; jalapensis, 156; subcantharelloides, 156 Panicum, 339; barbinode, 181; capillare, 65; divaricatum, 180; lanatum, 181; maximum, 144; molle, 181; ovalifolium, 229; Sloanei, 181; trichoides, 229; virgatum, 65

Panus concavus, 216; flabellatus, 156; incandescens, 282; jalapensis, 156; meruliiceps, 291; stypticus, 131, 132; subcantharelloides, 156

Parallelism between spore-forms in the Ascomycetes, Structural, 21 Parasitic fungi, Some Porto Rican, 333

Parasitic fungi-I, Studies in Porto Rican, 143

Parasitic species of Claudopus, A, 34 Parodiella, 335, 337; melioloides, 336 Paspalum, 230, 339; compressum, 326; conjugatum, 319; fimbricatum, 230; Helleri, 230, 326; Humboldtianum, 319, 326; orbiculatum, 230; paniculatum, 230, 326; pilosum, 230; plicatulum, 230, 326; Schreberianum, 230; Underwoodii, 339

Passiflora rubra, 254
Pathogenic for man, A new fungus,
Phialophora verrucosa, 200

Paxillus, 105; atrotomentosus, 304; involutus, 152, 304, 305; Lepista, 105; panuoides, 304

Peltigera, 267 Pelvetia, 213

Penicillium, 134, 135, 136, 138, 284; africanum, 135, 142; avellaneum, 284; brevicaule, 134; candidum, 284; claviforme, 134; duclauxi, 134, 140, 141; expansum, 135; funiculosum, 142; luteum, 135, 136, 140, 140, 284; pinophilum, 135, 136, 140,

142; purpurogenum, 135, 136, 140, 142; purpurogenum var. rubri-sclerotium, 137; rugulosum, 140, 141, 142; silvatieum, 134

Penicillium avellaneum, a new ascusproducing species, 284

Penicillium luteum-purpurogenum group, The, 134

Peridermium, 79, 84; carneum, 80, 84; Cerebrum, 80, 214; fusiforme, 62, 79, 80, 84, 89;

Petitia domingenis, 333

Peziza, 90, 197; abietina, 299; arenicola, 197; assimilata, 92; badia, 90, 91, 93; bufonia, 93; cochleata, 90, 91; heterophylla, 73; pustulata, 92, 93; sepulta, 197, 198; sylvestris, 93; tanacetifolia, 64; umbrina, 92; vesiculosa, 91, 93

Phaeolus sistotremoides, 300

Phakopsora, 173, 175; Phyllanthi, 332; Vitis, 173

Phallus, 100

Phaseolus, 186, 187; adenanthus, 185; lunatus, 335; prostratus, 187; vulgaris, 185

Phialophora, 202; verrucosa, 202, 203

Phialophora verrucosa, pathogenic for man, A new fungus, 200 Philadelphus coronarius, 78, 88; Ke-

teleerii, 78, 88 Philibertella clausa, 243

Philibertia, 243

Pholiota, 304; candicans, 152; Johnsoniana, 226; praecox, 214; squarrosa, 304

Phoma, 41, 143; rostrata, 41

Phoma, New species of Colletotrichum

Photographs and descriptions of cup-I. Peziza, 90; II. Sepultaria, 197

Phragmidium, 175 Phragmites, 22

Phyllachora, 337, 338; Andropogonis, 339, 340; dalbergiicola perforans, 340; graminis, 338, 339, 340; nitens, 339; paulensis, 340; perforans, 340; peribebuyensis, 337, 338, 340; Renalmiae, 339; sphaerosperma, 339 Phyllanthus distichus, 332; grandifol-

ius, 332; nobilis, 254

Phyllosticta, 143; adianticola, 144; araliana, 148; bixina, 148; boringuensis, 147; cissicola, 147; Colocasiae, 144; colocasicola, 144; commelinicola, 144; divergens, 146; Erythrinae, 146; erythrinicola, 146; Eugeniae, 148; eupatoricola, 148; glaucispora, 149; guanicensis, 146; Guareae, 149; Ipomoeae, 149; Lagenariae, 149; momisiana, 145; nericola, 149; Nerii, 149; pandanicola, 150; Panici, 144; Pithecolobii, 145; Pithecolobii monensis, 145; portoricensis, 147; Sacchari, 144; Sechii, 149; Stevensii, 147

Physalis pubescens, 66

Physopella, 170, 173, 175, 330; Aeschynomenis, 330; Fici, 174; ficina, 174; Vitis, 173

Picea, 210; Engelmanni, 210

Pieters, A. J., The ferax group of the genus Saprolegnia, 307

Pinus, 169; palustris, 80, 89; taeda, 79, 80, 84, 89

Piptoporus suberosus, 300

Pithecolobium Unguis-cati, 145 Pityrogramma calomelanos, 325, 334

Pleospora, 25, 27, 49

Pleuropus abortivus, 152

Pleurotopsis, 156; niduliformis, 156 Pleurotus, 36, 37, 291; caespitosus, 281; cubensis, 156; lampas, 282; noctilucens, 282; olearius, 282; orizabensis, 156; sapidus, 152; subbarbatulus, 156

Plicaria badia, 90; pustulata, 92

Plowrightia, 25

Pluchea odorata, 324; purpurascens, 324, 325

Plumiera alba, 173; Krugii, 172; obtusa, 172; rubra, 173 Pluteus alveolatus, 291; cervinus, 152,

304

Poinsettia heterophylla, 190 Poisonous, Fungi edible and, 151

Polymarasmius, 156, 157; submulticeps, 156

Polyplocium, 100

Polyporus, 34, 35; adustus, 207; arcularius, 214; caudicinus, 132; elegrans, 300; graminicola, 215; Leei, 215; Marbleae, 215; McMurphyi, 155; obtusus, 207, 208; perennis, 34-37; porrectus, 215; resinosus, 207, 208; Schweinitzii, 214; sulphureus, 207, 208; volvatus, 125; Zelleri, 155

Polystictus hirsutus, 207, 208, 209; prolificans, 208; versicolor, 207,

208

Pore characters in the grass and sedge rusts, The taxonomic value of, 28

Porodaedalea Pini, 111, 132, 300

Porothelium, 155

Porto Rican parasitic fungi, Some,

Porto Rican parasitic fungi—I, Studies in, 143

Porto Rico based on collections by F. L. Stevens, Uredinales of, 168, 227, 315

Preliminary list of Upper St. Regis Fungi, 297

Prospodium appendiculatum, 178 Psalliota, 101 Pseudopeziza, 24 Pseudotsuga taxifolia, 121 Psidium, 240; Guajava, 239

Psychotria patens, 323 Pteris, 334

Puccinia, 22, 28, 62, 67, 76, 170, 245, 322, 323; Agropyri, 73, 74, 82, 88; albiperidia, 67, 68, 69, 78, 87; alternans, 74; Andropogonis, 72; angustata, 64, 70, 71, 88; angustatoides, 62; appendiculata, 178; Arechavelatae, 236; Becki, 179; Blechi, 249; Boutelouae, 30; Cameliae, 227; Campulosi, 29; canaliculata, 231, 318; Cannae, 233; Caricis-Asteris, 32, 69, 76, 87; Caricis-Solidaginis, 69, 79, 87; Caricis-Strictae, 32; Cenchri, 32, 228; Chaetochloae, 230; compacta, 240, 241; concrescens, 240, 241; Convolvuli, 192; crassipes, 243; Cryptandri, 64; Cynanchi, 242; Cyperi, 231; deformata, 229; Dolichi, 186; Dulichii, 66, 84, 81, 87; Eleocharidis, 232; Eleutherantherae, 251; Ellisiana, 71, 72, 88; emaculata, 65; Emiliae, 251; epiphylla, 29, 32; eslavensis, 32; Euphorbiae, 236; extensicola, 70, 76, 79, 80, 81, 87; Fimbristylidis, 232; Fuirenae, 319; Gonolobi, 243; Gouaniae, 237, 329; gouaniicola, 238; graminis, 62; gregaria, 241; Grossulariae, 66, 67, 69, 76, 87; hemisphaerica, 324; heterospora, 238; Huberi, 229; Hyptidis, 247, 248; insititia, 248; Ipomoeae, 243; inflata, 236; Jambosae, 239, 240; karelica, 32; Latanae, 243; lateritia, 249; leonotidicola, 245; Leonotidis, 245; leptospora, 29; levis, 230; macropoda, 235; McClatchieana, 64; medellinensis, 246, 247, 249; Melicae, 30; minutissima, 86, 89; monoica, 75, 88; Muhlenbergiae, 81, 82, 88; Nesaeae, 86; nodosa, 85, 89; obliqua. 242, 243; obliterata, 74; Pammelii, 65; Panici, 65; panicicola, 180; paradoxica, 29; Paspali, 230; peridermiospora, 22; poculiformis, 32; Psidii, 239, 240; quadriporula, 76, 87; Raunkiaerii, 235; Ribesii-Caricis, 69; Rivinae,

235; Rompelii, 240; rosea, 250; rubigo-vera, 62; salviicola, 249; sanguinolenta, 240; scleriicola, 232; Seymouriana, 22, 30; solida, 251, 252; sphaerospora, 242, 243; splendens, 85, 89; Sporoboli, 31, 32; Stipae, 72, 88; substriata, 230; Synedrellae, 251; tageticola, 251; Thaliae, 233; Thwaitessii, 238; tomipara, 74; tosta, 64, 66, 81, 82, 84, 88; triarculata, 30; Tridacis, 251; tucumanensis, 247; uniporula, 67, 68, 69, 78; Urbaniana, 244; Urticae, 32; Vernoniae, 179; Vernoniae-mollis, 179; versicolor, 30; vexans, 31, 32; Vilfae, 22; vulpinoides, 62, 63, 66, 79, 80, 84, 87; xanthopoda, 233

Pucciniastrum, 169, 175 Pucciniosira, 253; pallidula, 170, 253; Pustularia vesiculosa, 91 Pyropolyporus Abramsianus, 155, 215;

cinnabarinus, 300; conchatus, 300; igniarius, 111, 300; igniarius nigricans, 111

Quamoclit coccinea, 172 Quercus Phellos, 80, 89; rubra, 79, 80, 89

80, 89 Rajania, 320; cordata, 320 Randia, 315; aculeata, 315

Ravenelia, 178, 184, 322, 329; Caesalpiniae, 183; capituliformis, 328; caulicola, 176; Indigoferae, 177; Ingae, 177; **Stevensii**, 178 Resupinatus, 156; cubensis, 156; ori-

zabensis, 156; subbarbatulus, 156 Reticularia Lycoperdon, 298 Rheosporangium aphanidermatum,

288 Rhizina inflata, 213

Rhizoctonia, 39, 48; solani, 48 Rhodopaxillus, 105; panaeolus, 107; personatus, 105; sordidus, 106

Rhynchospora, 62; aurea, 182; cyperoides, 182; distans, 182; micrantha, 182; polyphylla, 182 Rhyncosia, 187; longeracemosa, 187;

Rhyncosia, 187; longeracemosa, 187; reticulata, 186; Senna, 187; texana, 186 Rhytisma, 23

Ribes, 69, 76; Cynosbati, 66, 78, 87; Rivina humilis, 235; octandra, 235 Romell, Lars, Lind's work on the Rostrup Herbarium, 42

Rosellinia melioloides, 336 Rostkovites californicus, 44, 215; granulatus, 152, 300, 305; subaureus, 300, 305 Rostrup Herbarium, Lind's work on

Rostrupia Scleriae, 233

Rot accompanying Hymenochaete rubiginosa (Schrad.) Lév., A timber,

Ruellia strepens, 65

Russula, 155, 156, 166, 221, 222, 225, 273, 304; albida, 304; bifida, 224; compacta, 304, 305; crustosa, 224; depallens, 304; emetica, 152, 304, 306; foetens, 152, 304, 306; furcata, 224; lutea, 304, 305; Mariae, 152; pectinatoides, 167; virescens, 152, 224

Russula and Marasmius in North American Flora, 155

Rusts, The taxonomic value of pore characters in the grass and sedge,

Rytilix granularis, 230

Sabicea aspera, 324 Saccharum, 144

Salvia occidentalis, 249 Saprolegnia, 307; anisospora, 308; declina, 308, 312; dioica, 308; ferax, 307-314; hypogyna, 308; mixta, 307-314; monoica, 307-309, 312-314; Thureti, 307, 308; toru-

losa, 307, 308 Saprolegnia, The ferax group of the

genus, 307 Sarcosphaera, 199

Schizophyllum commune, 208 Schizophyllus, 156

Schlegelia brachyantha, 339

Schroeteriaster, 170 Scirpus atrovirens, 70, 88; Eriophorum, 71; fluviatilis, 83, 88; microcarpus, 64, 71; rubrotinctus, 64, 71;

sylvaticus, 64, 71 Scleria, 182, 233; Baldwinia, 233; hirtella, 233; pauciflora, 233; pterota, 182; setacea, 233; verticillata,

233 Scleroderma, 167; aurantium, 153, 305; tenerum, 167

Sclerotinia, 24

Scopulariopsis, 134

Scutiger griseus, 300; hispidellus, 155 Scytinotus, 156; distantifolius, 156

Seaver, Fred J., Observations on Herpotrichia nigra and associated species, 210; Photographs and descriptions of cup-fungi-I. Peziza, 90; II. Sepultaria, 197

Sechium edule, 149

Secotium, 98, 99-103; agaricoides, 94, 97, 99-102; coarotatum, 100; erythrocephalum, 99; Gueinzii, 100;

Mattirolianus, 99; melanosporum, 100; olbium, 100, 103; Warnei, 94 Secotium agaricoides, The structure

and development of, 94

Sedge rusts, The taxonomic value of pore characters in the grass and, 28 Senecio Douglasii, 72; lugens, 72;

obovatus, 81; spartioides, 72, 88 Septoria, 333; aquilina, 334; asiatica, 334; Chelidonii, 334; Guettardae, 334, 340; Lantanae, 334, 340; Miconiae, 333, 340; Petitiae, 333, Diturgrammae, 334; Verbenae, 334

Sepultaria, 197, 198, 199; arenicola, 198; Longii, 199

Setaria scandens, 228; setosa, 227; verticillata, 230

Sida, 239; glutinosa, 238; humilis, 238, 239, nervosa, 238; procumbens, 238; spinosa, 238; urens, 238,

Sidalcea, 82

Silphium perfoliatum, 77 Sitodrepa panicea, 124

Sium cicutaefolium, 83, 88

Solanum torvum, 255; tuberosum, 39

Solenia, 155

Solidago, 63, 75, 76, 79, 81, 83; canadensis, 65, 70, 72, 75, 79, 81, 83, 84, 87, 88; glaberrima, 79, 87; missouriensis, 79; mollis, 72, 79, 87; rugosa, 79, 83, 87

Some Porto Rican parasitic fungi,

333

Sparganophorum Vaillantii, 325 Spartina, 22; Michauxiana, 77, 88

Spathularia velutipes, 299

Species of Claudopus, A parasitic, 34 Species of Colletotrichum and Phoma, New, 38

Spermococe aspera, 250; tenuior, 250 Sphaeralcea, 82; incana, 64, 81, 88; lobata, 64, 65, 82, 88

Sphaeria canaliculata, 231; melioloides, 336; perisporioides, 335, 336 Spongipellis borealis, 300; fragilis,

HIO

Spore-forms in the Ascomycetes, Structural parallelism between, 21 Sporobolus, 82, 181; asperifolius, 81,

88; cryptandrus, 64; diandrus, 181; indicus, 181; longifolius, 66

Stachytarpheta jamaicensis, 244; strigosa, 244 Steironema ciliatum, 77; lanceolatum,

Stemmodontia trilobata, 318

Stenolobium Stans, 178

Stereum, 2; fasciatum, 207, 208, 209; frustulosum, 13-17; gausapatum,

207, 208; hirsutum, 16; rameale, 207, 208 Stigmaphyllon lingulatum, 236; periplocifolium, 236; Sagraeanum, 236 Stipa comata, 72, 88 Strobilomyces strobilaceus, 152 Stropharia, 95, 98; ambigua, 103; bilamellata, 226; coprinophila, 34; semiglobata, 304 Struchium Sparganophorum, 325 Structural parallelism between sporeforms in the Ascomycetes, 21 Structure and development of Secotium agaricoides, The, 94 Strumella, 46; coryneoidea, 46 Studhalter, R. A., Heald, F. D., &, The effect of continued desiccation on the expulsion of the ascospores of Endothia parasitica, 126 Studies in Porto Rican parasitic

Synedrella nodiflora, 251

Tagetes patula, 251

Taxonomic value of pore characters in the grass and sedge rusts, The, 28

Tecoma Stans, 178

Tectella, 156

Teramnus uncinatus, 331

Tests on the durability of greenheart (Nectandra Rodiaei Schomb.), 204

Tetrazygia, 337, 338

Suillelus luridus, 152, 300, 306

fungi-I, 143

Thalia, 234, 235; geniculata, 234
Thalictrum, 75; alpinum, 73; dioicum, 74, 83; Fendleri, 64, 73, 83
Thelephora laciniata, 299; perdix, 13
Thom, Charles, The Pencillium luteum-purpurogenum group, 134
Thom, Charles, & Turesson, G. W.,

Penicillium avellaneum, a new ascus-producing species, 284 Timber rot accompanying Hymenochaete rubiginosa (Schrad.) Lév.,

Tournefortia hirsutissima, 254
Tradescantia multiflora, 183
Trametes Pini, 13; abietis, 13, 14, 17;
Pini, 214; robiniophila, 207
Tremella lutescens, 200; mycetophila

Fini, 214; robiniophila, 207 Tremella lutescens, 299; mycetophila, 299 Tremellodon gelatinosum, 299

Tricholoma, 105, 256, 291; cellare, 277; multipunctum, 165; nudum, 105; panaeolum, 105, 107; personatum, 105, 270; rancidulum, 270; Russula, 222; Sienna, 277; sordidum, 601

Tridax procumbens, 252

Trifolium carolinianum, 85, 89; hybridum, 38; pratense, 38, 39 Triopteris lingulata, 236 Trisetum, 75; subspicatum, 75, 88 Triumfetta, 253; grandiflora, 253; Lappula, 253; rhomboidea, 253; semitriloba, 147, 253

Tsuga heterophylla, 121 Turesson, G. W., Thom, Charles, &, Penicillium avellaneum, a new ascus-producing species, 284

Tylopilus felleus, 151, 300, 306 Types in the mycological herbarium, Marking, 108

Typhula muscicola, 49

Tyromyces caesius, 300; chioneus, 300; graminicola, 215; guttulatus, 300; lacteus, 300

Upper St. Regis fungi, Preliminary list of, 297 Urechites lutea, 149 Uredinales, of Porto Rico based on

Uredinales of Porto Rico based on collections by F. L. Stevens, 168, 227, 315

Uredineae in 1912, 1913, and 1914,

Cultures of, 61 Uredo, 170, 330; Aeschynomenis, 330; Agerati, 250; amaniensis, 195; Arachidis, 322; balaensis, basipora, 245; bidenticola, balaensis, 249; 195: Bidentis, 195; biocellata, Bixae, 327; Cabreriana, 322; Cajani, 187; Cameliae, 227, 228; cancerina, 246; Cannae, 233; capituliformis, 328; Cephalanthi, 324; Cestri, 191; Chaetochloae, 230; Commelinaceae, 182; Commelinae, 182; Commelyneae, 329; concors, 330; Cupheae, 323; Desmodii-tortuosi, 189; Dichromenae, 319; Dioscoreae, 320; Dolichi, 186; Erythroxylonis, 320; Eugeniarum, 239, 240; fallaciosa, 323; fenestrala, 170, 332; Fici, 174; ficicola, 174; ficina, 174; flavidula, 239; Fuirenae, 319; gemmata, 193, 237; Gossypii, 175; Gouaniae, 329; Gymnogrammes, 170, 325; Hymenaeae, 321; ignobilis, 181; Jacquemontiae, 193; Janiphae, 190; jatrophicola, 331; Kyllingiae, 231; leonoticola, 245, 246; Leonotidis, 245; lutea, 321; moricola, 174; Myratearum, 239, 240, neurophyla, 240; nigropunctata, 320; nootkatensis, 48; pamparum, 187; paspalicola, 319, 326; Phyllanthi, 332; proximella, 324; rubescens, 327; sabiceicola, 323; Sparganophori, 325; Stevensiana, 326; striolata, 235; subneurophyla,

240; superficialis, 326; Teramni, 331; vicina, 325; Violae, 173; Vitis, 173

Uromyces, 22, 28, 31, 32, 170, 184, 240, 322, 323; acuminatus, 77, 88; appendiculatus, 185, 187; Arachidis, 322; Bidentis, 195, 196; Caesal-piniae, 183; Cestri, 191; colum-bianus, 194; Commelinae, 182, 330; densus, 196; dichrous, 190; Dolicholi, 186, 187; elegans, 85, 89; Eragrostidis, 180; Euphorbiae, 189; euphorbiicola, 190; gemmatus, 192, 237; Hedysari-paniculati, 188; Hellerianus, 192; ignobilis, 181; insularis, 189; jamaicensis, 184; Janiphae, 190; Jatrophae, 191; Junci, 76, 88; leptodermus, 180; major, 181; malvacearum, 238; malvicola, 238; Neurocarpi, 189; pedatatus, 72; perigynius, 75, 76, 83, 88; pianhyensis, 227, 325; pictus, 238; Poae, 32; proëminens, 189; pulcherrimus, 238; quadriporula, 76; Rhyncosporae, 65, 182; Scirpi, 83, 88; Scleriae, 182, 233; Sidae, 238; solidus, 188; Sporoboli, 66; Thwaitesii, 238; uniporulus, 32, 67, 68

Vaginata agglutinata, 152; plumbea, 152, 304, 305; plumbea strangulata, 305

Vagnera stellata, 66

Valerianodes jamaicensis, 244; strigosa, 244

Validity of Clitocybe megalospora, The, 157

Value of pore characters in the grass and sedge rusts, The taxonomic, 28 Venenarius Caesareus, 152; cothurnatus, 152; phalloides, 152, 305, 306; Frostianus, 305; muscarius, 152, 305, 306; rubens, 152; solitarius, 152; spretus, 152

Venturia, 25, 26, 27

Vermicularia, 39 Vernonia, 80, 84; albicaulis, 179;

Vernonia, 80, 84; albicaulis, 179; boringuensis, 180; fasciculata, 80, 84, 89; longifolia, 179; phyllostachya, 180

Vigna, 186, 187; repens, 185; vexillata, 185

Vincetoxicum, 243

Viola, 71, 72; cucullata, 71, 88; Nuttallii, 71, 88; premulaefolia, 71; striata, 72

Vitis, 173; vinifera, 173 Volvaria Loveiana, 34

Wallrothiella Arceuthobii, 289 Wedelia, 227, 325; carnosa, 318; lanceolata, 325; reticulata, 227; trilobata, 318

Wissadula periplocifolia, 238, 239 Work on the Rostrup Herbarium, Lind's 42

Xanthium, 318; canadense, 77 Xylaria Hypoxylon, 131, 132; polymorpha, 299 Xylopia, 241

Young, Esther, Studies in Porto Rican parasitic fungi, 143

Zanthoxylum americanum, 66 Zeller, Sanford M., Notes on Cryptoporus volvatus, 121